

FIG. 1

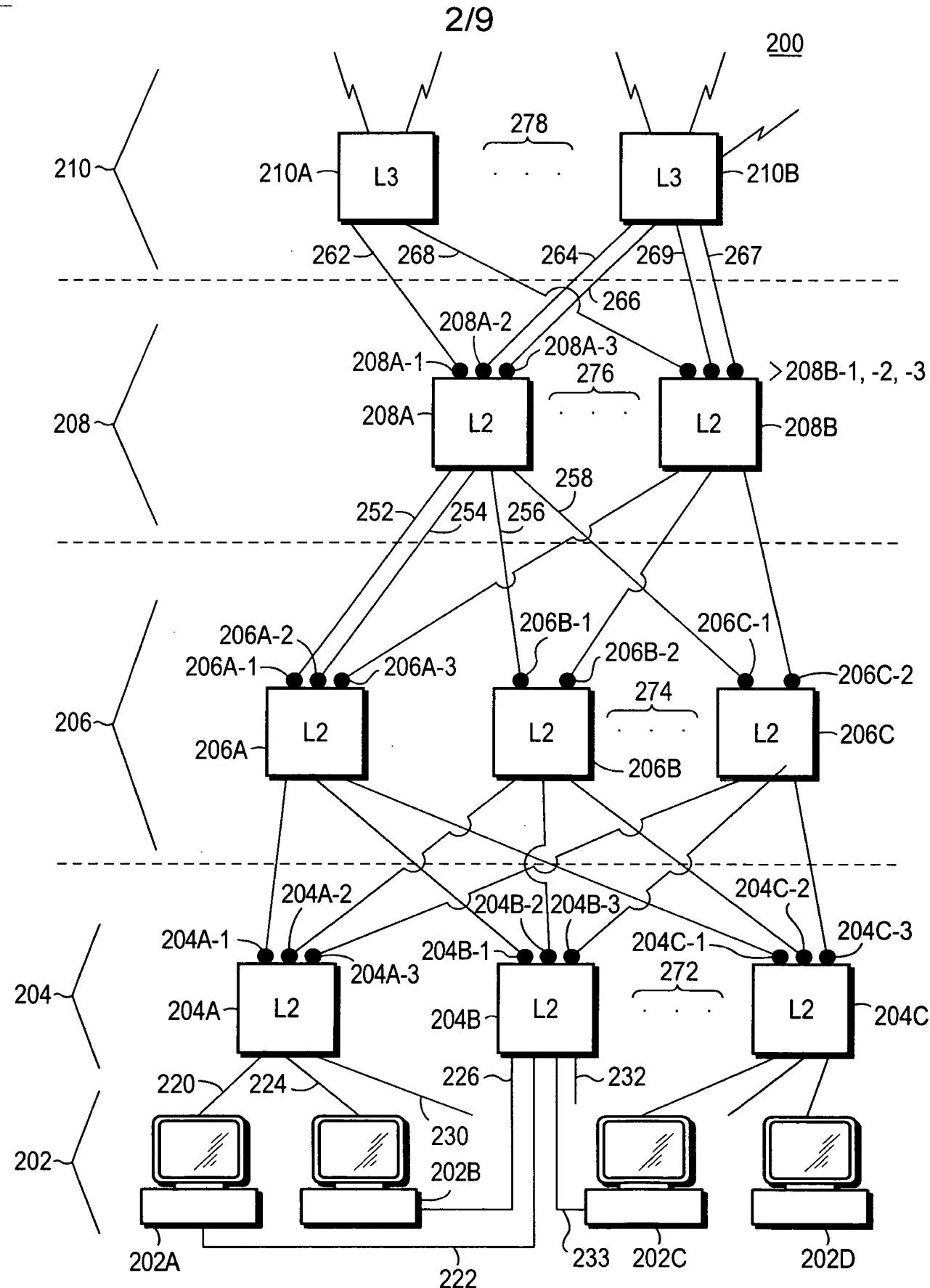
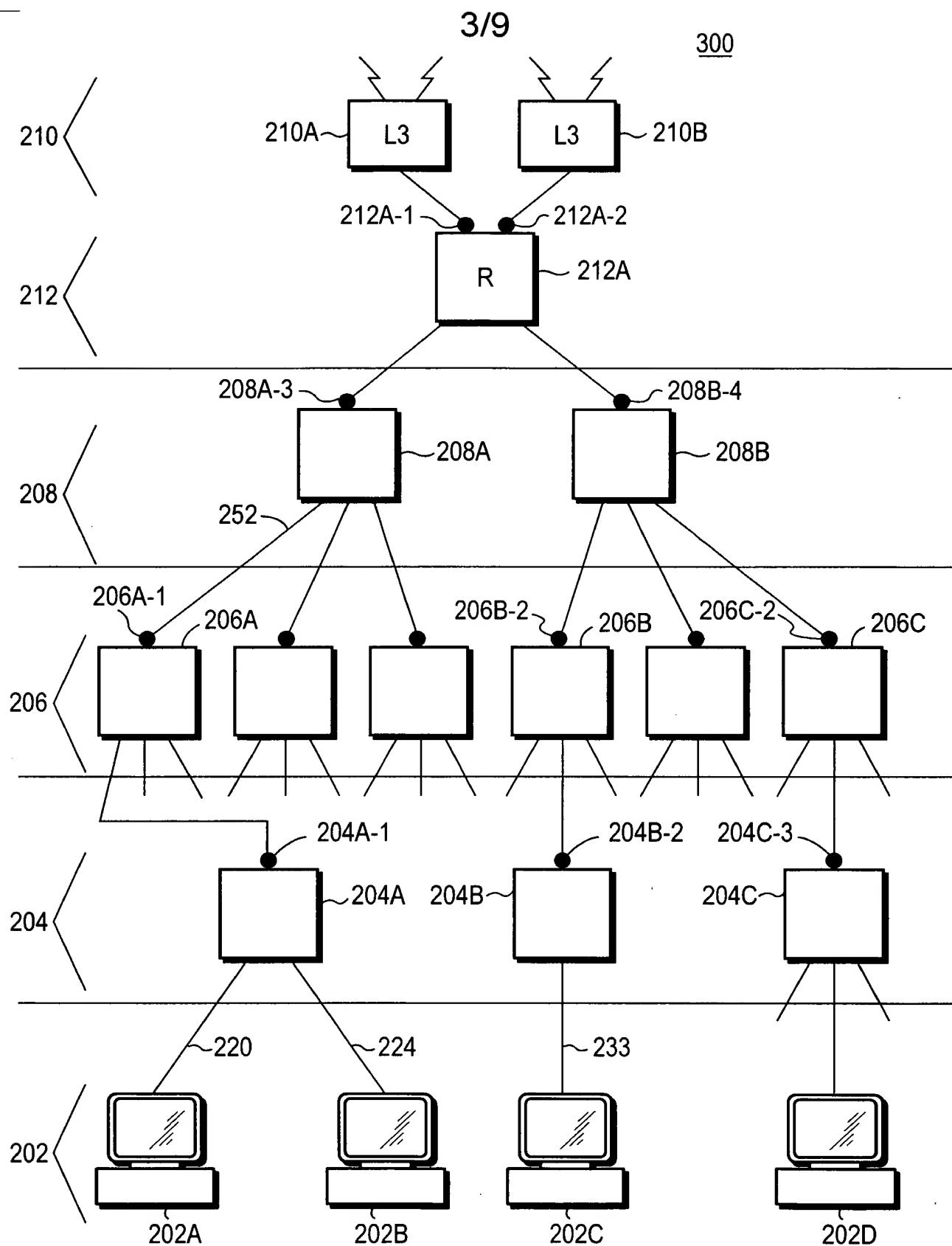


FIG. 2



STP LOGICAL TREE

FIG. 3

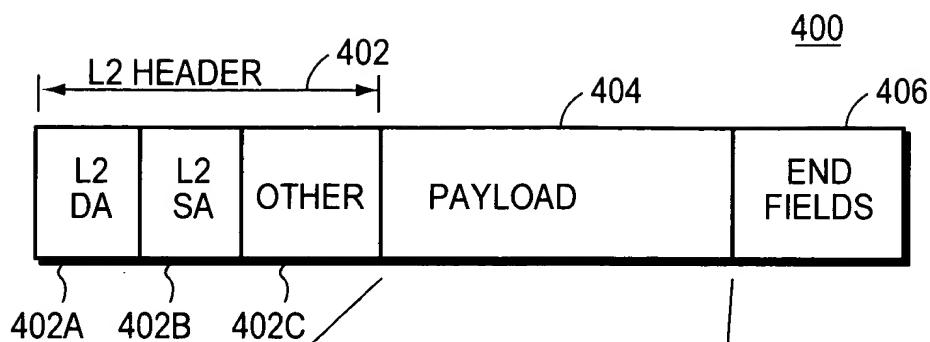


FIG. 4

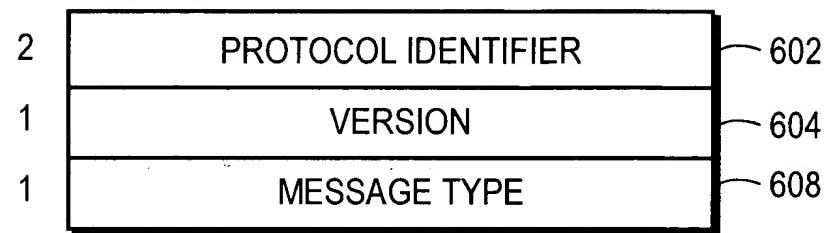
# OF OCTETS		500
2	PROTOCOL IDENTIFIER	502
1	VERSION	504
1	MESSAGE TYPE	506
1	TCA RESERVED TC	508
8	ROOT ID	510
4	COST OF PATH TO ROOT	512
8	SWITCH ID	514
2	PORT ID	516
2	MESSAGE AGE	518
2	MAX AGE	520
2	HELLO TIME	522
2	FORWARD DELAY	524

FIG. 5

CONFIGURATION MESSAGE

600

OF OCTETS



TOPOLOGY CHANGE NOTIFICATION MESSAGE

FIG. 6

700

	702	704	
	STATE	ROLE	
710A	FWD	ROOT PORT	710
712A	FWD	DESIGNATED PORT	712
714A	BLK	BLOCKED PORT	714

PORt STATE TABLE
PRIoR ART

FIG. 7

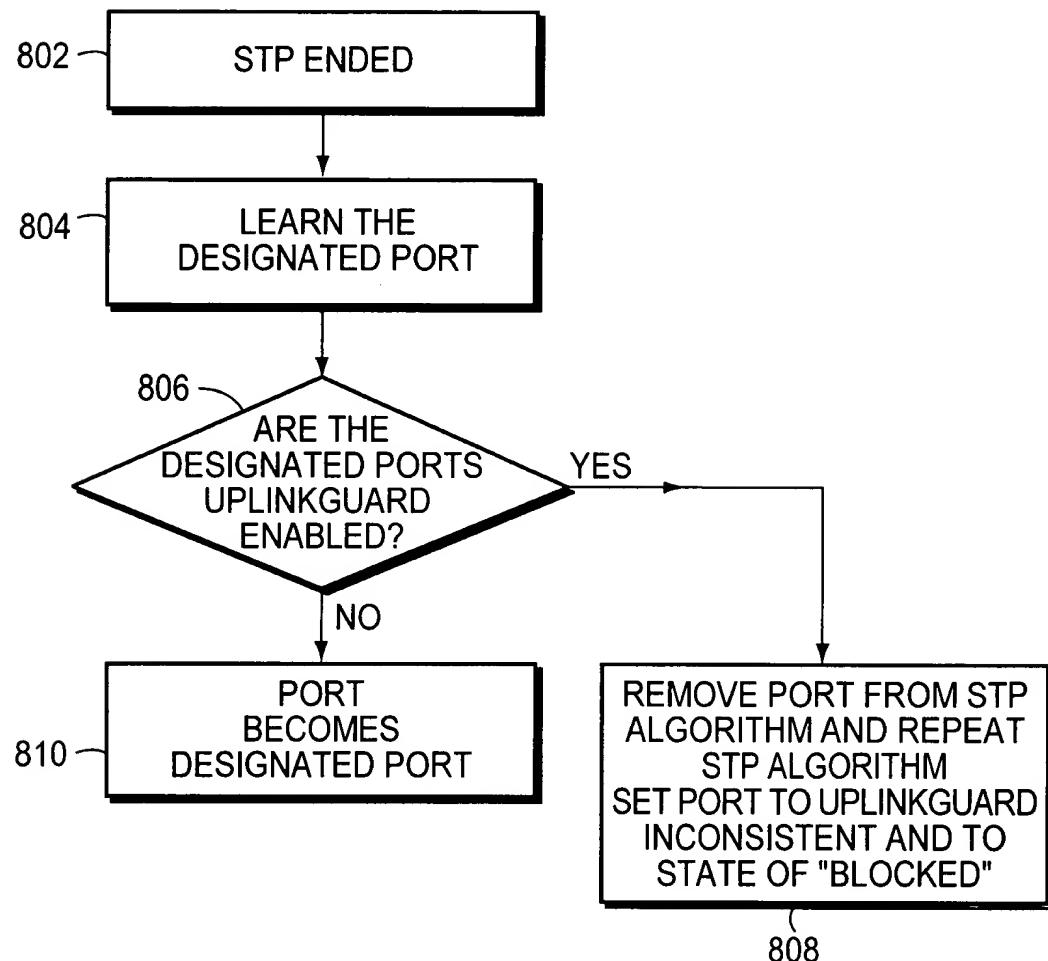


FIG. 8

9,000

	STATE	ROLE	UPLINKGUARD ENABLED
914	FWD	ROOT PORT	DON'T CARE
916	FWD	DESIGNATED PORT	NO
918	BLK	BLOCKED PORT	DON'T CARE
920	BLK	UPLINK GUARD ENABLED BACKUP FOR ROOT PORT	DON'T CARE
922	UPLINKGUARD INCONSISTENT = BLK	DESIGNATED	YES

PORT STATE TABLE

FIG. 9

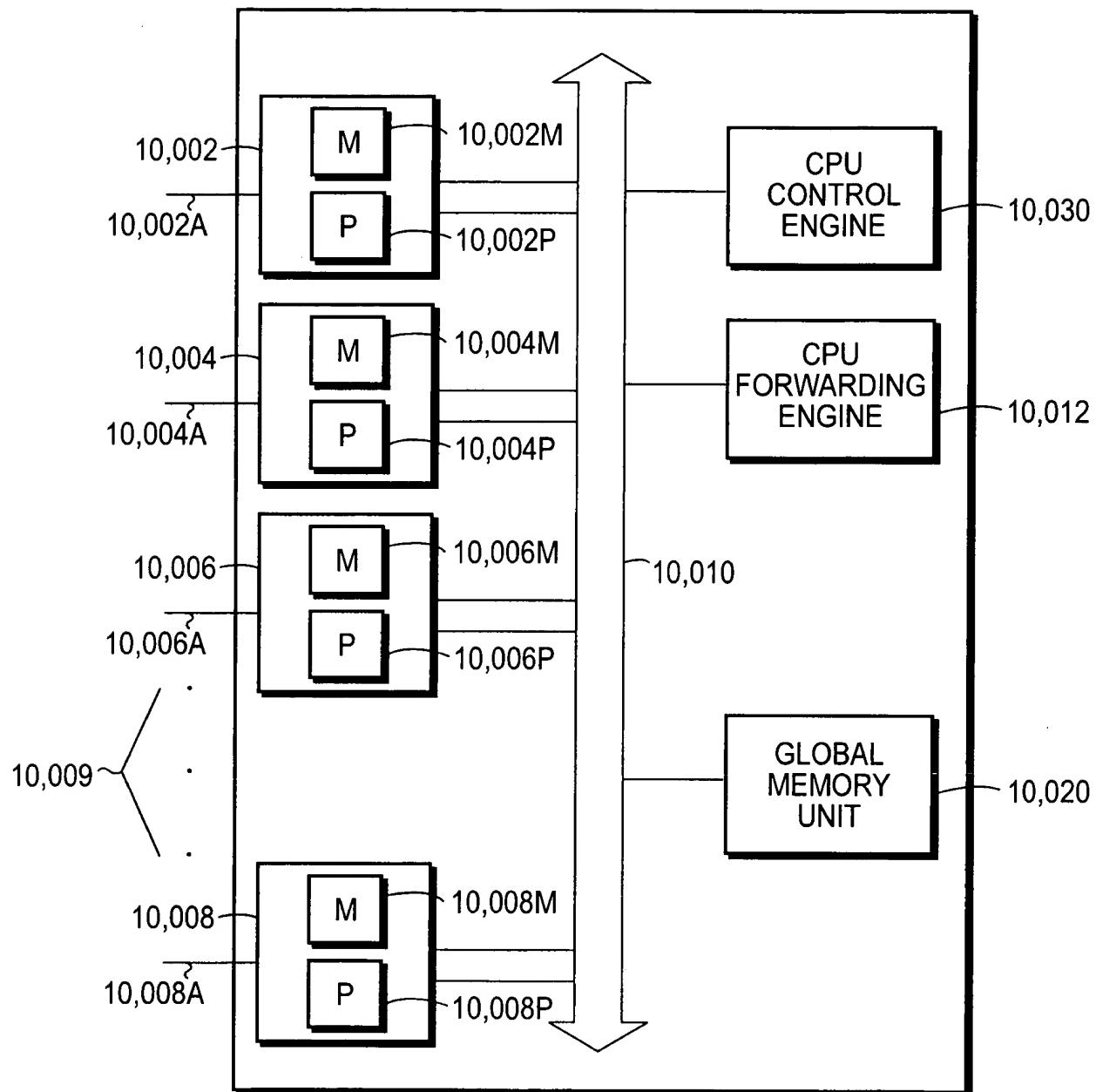
10,000

FIG. 10